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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/773,249	02/09/2004	Torsten Wahler	2001P20240WOUS	7160
28204	7590	12/17/2004	EXAMINER	
SIEMENS SCHWEIZ I-44, INTELLECTUAL PROPERTY ALBISRIEDERSTRASSE 245 ZURICH, CH-8047 SWITZERLAND			CAPUTO, LISA M	
			ART UNIT	PAPER NUMBER
			2876	

DATE MAILED: 12/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

gjn

Office Action Summary	Application No. 10/773,249	Applicant(s) WAHLER, TORSTEN	
	Examiner Lisa M Caputo	Art Unit 2876	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 10 is/are rejected.
- 7) ☐ Claim(s) 6-9, 11 and 12 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>121004</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Objections

1. Claim 2 is objected to because of the following informalities:

Regarding claim 2: Please place a period at the end of claim 2 so that it is grammatically correct.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Burkart (U.S. Patent No. 6,470,762).

Burkart teaches a sliding gear drive. Regarding claims 1-2, Burkart discloses a gear arrangement for actuating a reading/writing unit (data card unit 6) for a chip card (data card 14) which comprises a motor having a reversible direction of rotation, a control slide (sliding element 21) comprising an operative connection with the motor (motor), a push-rod (tab 19) to move the chip card, and wherein the control slide is in operative connection also with the push-rods such that when the control slide moves, the push rods execute movements in opposite directions (see Figures 1-4, col 3 line 7 to col 4 line 61).

Although Burkart fails to specifically teach the limitation of having the alternate actuation of two reading/writing units, Burkart does indeed teach alternate actuation with the control slide. In addition, it is well known in the art that multiple reading/writing units are used in systems and that this condition is a duplication of parts.

Hence, in view of the teaching of Burkart it would have been obvious to one of ordinary skill in the art at the time the invention was made to employ two reading/writing units so that the system maintains its efficiency (i.e. with a second reading/writing unit there is a back-up in case the original unit does not work).

Regarding claim 3, Burkart teaches that the operative connection comprises gearing (gear tooth system 22) (see Figure 2, col 3, lines 7-43).

Regarding claim 4, Burkart teaches that the units are located within a tachograph (see Figure 2, col 3, line 8).

Regarding claims 5 and 10, even though Burkart teaches guide grooves (two side guide walls 10, 11) and a carrier that comprise the guide grooves and control slide (carriage 13) (see Figure 2, col 3, lines 7-43), Burkart fails to teach multiple carriers. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the use of multiple carriers for multiple read/write units. In addition, the carriers are designed as a component which can be fastened in a tachograph.

Allowable Subject Matter

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3. Claims 6-9 and 11-12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter: The best prior art of record, Burkart, fails to specifically teach the limitations of the dependent claims 6-9 and 11-12. For example, regarding claim 6, Burkart fails to teach that the control slide is a rack with opposite toothing formations and also fails to teach the specific relationship that the carrier comprises a gearwheel mounted therein, wherein the gearwheel engages a respective push rod and a toothing formation of the control slide. In addition, the best prior art of record fails to teach a pair of gearwheels, a carrier covering, and a reduction gear.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Lisa M. Caputo** whose telephone number is **(571) 272-2388**. The examiner can normally be reached between the hours of 8:30AM to 5:00PM Monday through Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached at **(571) 272-2398**. The fax phone number for this Group is (703) 872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [lisa.caputo@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LMC

December 11, 2004



DIANE I. LEE
PRIMARY EXAMINER